

1

2

### FIGURE 1

## Construct

**Gene:** 67 **GI Number(s):** 6753409

**Gene Family:** Growth Factor Inhibitor

**Gene Subfamily:** Cerberus

**Gene Sequence:** full-length cDNA, Mouse

**underlined** = deleted in targeting construct

[ ] = sequence flanking Neo insert in targeting construct

[illegible]

Gene Sequence  
Structure \*

241 bp

### Sequence Deleted

528 bp

**Size of full-length cDNA: 1752 bp**

**FIGURE 2A**

3/5

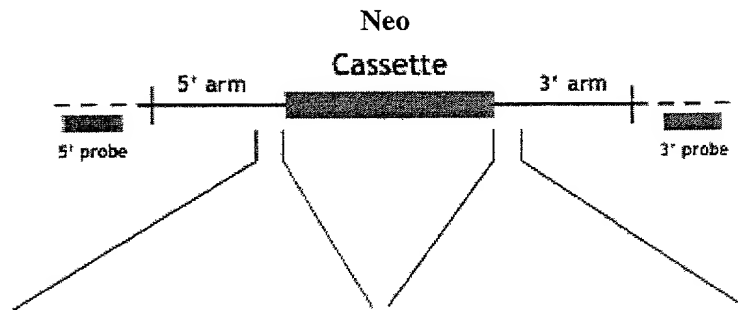
# Targeting Vector\* (genomic sequence)

Construct Number: 269

Arm Length:

5': 2 kb

3': 1.7 kb



———— Targeting Vector  
 - - - - - Endogenous Locus

\* Not drawn to scale

|  |   |
|--|---|
| <p>5' &gt;TCCATCTGTGAATCTAACCTC<br/>           AGTCTCTGGGAATCAGGAAGCATG<br/>           CATCTCCTCTTAGTTCAGCTGCTT<br/>           GTTCTCTTGCCCTCTGGGGAAGGCA<br/>           GACCTATGTGTGGATGGCTGCCAG<br/>           AGTCAGGGCTCTTTATCCTTTCCT<br/>           CTTCCAGAAAGGGGTCGAGAGAT<br/>           CTCCACGTGGCCAACCACGAGGAG<br/>           GCAGAAGACAA&lt;3'<br/>           (SEQ ID NO: 16)<br/>           3</p> | <p>5' &gt;CCTGCCCATCAAAAGCCACGA<br/>           AGTACACTGGGAGACCTGCAGGAC<br/>           TGTGCCCTTCAACCAGGTATGCAT<br/>           TCTAGAGGGTAAACCACCAGTTTG<br/>           CCAGACAGGGAGGACAGCTGGACA<br/>           GCTAGGACAAACGGCAAAATAGAA<br/>           AGAGTCTGGCGAGAGCTCGGGCCT<br/>           TGTCTAGTTCAGATTCAGTCCTT<br/>           TGGGTATTCAT&lt;3'<br/>           (SEQ ID NO: 17)<br/>           4</p> |
|--|---|

FIGURE 2B

# Phenotypic Data Summary - Open Field

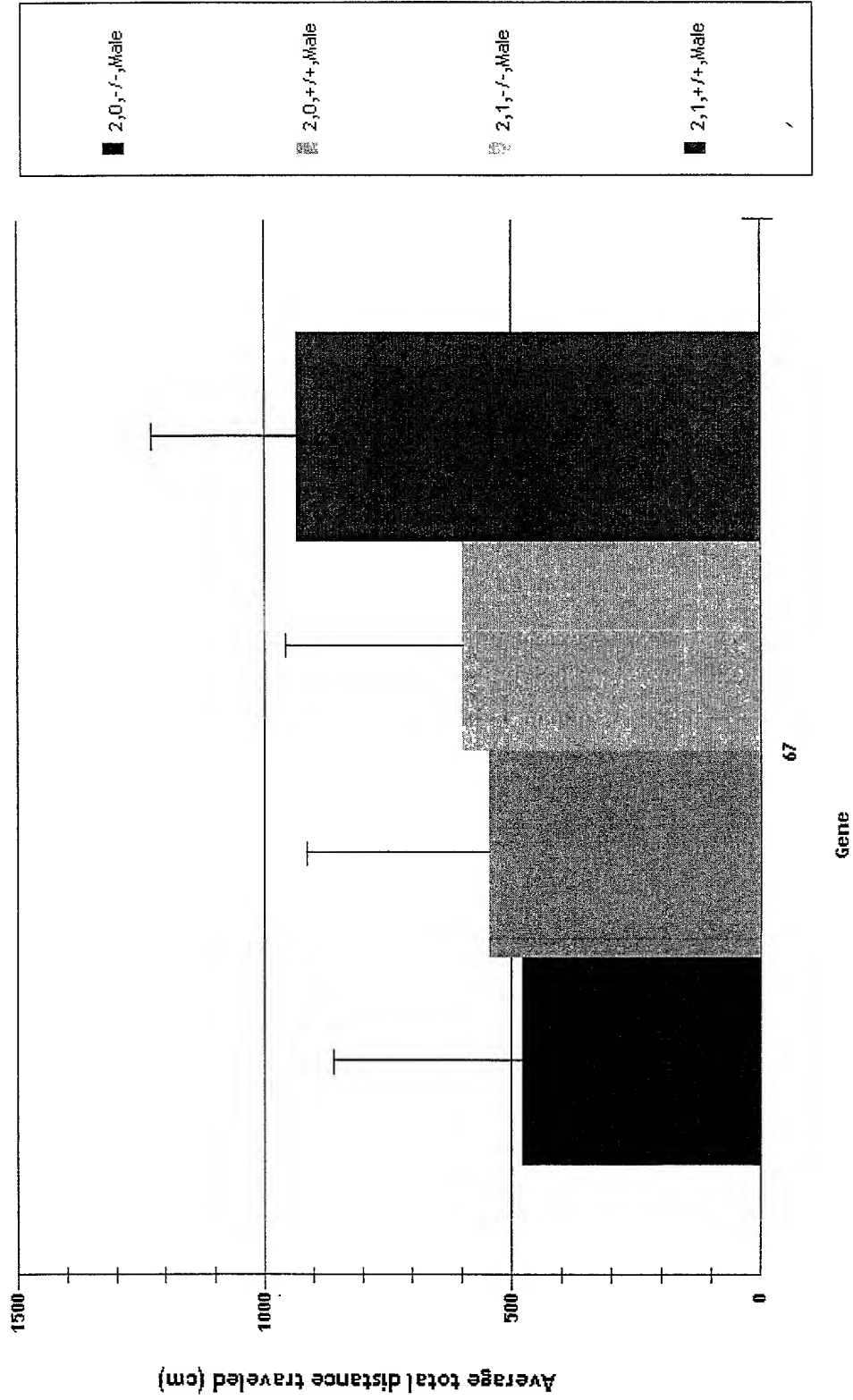


FIGURE 3

| Genotype     | Average total time immobile (s) |
|--------------|---------------------------------|
| 2,0,-/-,Male | ~175                            |
| 2,0,+/-,Male | ~115                            |
| 2,1,-/-,Male | ~125                            |
| 2,1,+/-,Male | ~105                            |

**Gene**